

Title (en)  
IMAGE PROCESSING DEVICE, IMAGE PROCESSING SYSTEM, IMAGE PROCESSING METHOD, AND PROGRAM

Title (de)  
BILDVERARBEITUNGSVORRICHTUNG, BILDVERARBEITUNGSSYSTEM, BILDVERARBEITUNGSVERFAHREN, UND PROGRAMM

Title (fr)  
DISPOSITIF DE TRAITEMENT D'IMAGES, SYSTÈME DE TRAITEMENT D'IMAGES, PROCÉDÉ DE TRAITEMENT D'IMAGES ET PROGRAMME

Publication  
**EP 3633624 A1 20200408 (EN)**

Application  
**EP 18810322 A 20180425**

Priority  
• JP 2017107471 A 20170531  
• JP 2018016827 W 20180425

Abstract (en)  
An apparatus and a method are provided which allow 3D image generation based on an input image on the real-time basis. Processing for image frames of an input image is executed to generate a three-dimensional image. A template database that is correspondence data between attribute information of an imaging object of an input image and materials that are rendering elements of a three-dimensional image is referred to to select a material according to an imaging object attribute to generate a three-dimensional image. The template database has recorded therein materials of component units of the face of a person, and an image processing section applies a mask image of a component unit of the face and acquires a material for each component from the template database to execute material setting in a component unit of the face.

IPC 8 full level  
**G06T 15/04** (2011.01); **G06T 19/00** (2011.01); **H04N 5/232** (2006.01)

CPC (source: EP KR US)  
**G06T 15/04** (2013.01 - EP KR US); **G06T 15/20** (2013.01 - EP); **G06T 15/506** (2013.01 - EP); **G06T 15/80** (2013.01 - US); **G06T 17/00** (2013.01 - EP); **G06T 19/00** (2013.01 - KR US); **H04N 23/60** (2023.01 - KR); **H04N 23/90** (2023.01 - EP); **G06T 2200/08** (2013.01 - US)

Cited by  
US12062130B2; WO2022165463A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3633624 A1 20200408**; **EP 3633624 A4 20200520**; CN 110663066 A 20200107; JP WO2018221092 A1 20200402; KR 20200014280 A 20200210; US 2020082595 A1 20200312; WO 2018221092 A1 20181206

DOCDB simple family (application)  
**EP 18810322 A 20180425**; CN 201880034107 A 20180425; JP 2018016827 W 20180425; JP 2019522035 A 20180425; KR 20197033622 A 20180425; US 201816606844 A 20180425